

GRANT SUMMARY

Completed Grant Summaries are made available to the public on the State Water Resources Control Board's (SWRCB) website at <http://www.waterboards.ca.gov/funding/grantinfo.html>

Use the tab and arrow keys to move through the form. If field is not applicable, please put N/A in field.

Date filled out: November 20, 2007

Grant Information: Please use complete phrases/sentences. Fields will expand as you type.	
1. Grant Agreement Number: 03-265-556-0	
2. Project Title: Pesticide Residues in Frogs and Amphibian Declines in the California Cascades and Sierra Nevada	
3. Project Purpose – Problem Being Addressed: The purpose of the project is to study the role of pesticide drift in the decline of amphibian populations in the Sierra	
4. Project Goals	
a. Short-term Goals: Specific research aims are to:	
1. Determine if current-use pesticide residue levels in treefrogs are significantly higher in areas where Cascades frogs have disappeared than in areas where Cascades frogs are still present.	
2. Determine the relative accumulation of pesticide residues in Cascades frogs and treefrogs living at the same sites to examine whether they accumulate residues at similar levels.	
3. Determine if pesticide residue levels in frogs in the Sierra Nevada are similar to those in the Cascades by sampling pesticide residues in treefrogs along a mid-elevation transect the length of the Sierra Nevada.	
b. Long-term Goals: To better understand the causes of amphibina population declines. And secondly to better manage the use of pesticides by understanding how they may travel and accumulate in organisms in remote mountain locations.	
5. Project Location: (lat/longs, watershed, etc.) 58 sites across the Trinity Alps, Mount Lassen area, and almost the entire Sierra Nevada foothills from just south of Mt. Lassen to Crescent Meadow in the Sequoia National Park in the south.	
a. Physical Size of Project: (miles, acres, sq. ft., etc.) see project location above	
b. Counties Included in the Project: Our sampling sites were in the following counties. AMADOR, BUTTE, FRESNO, LASSEN, MADERA, MARIPOSA, PLUMAS, SHASTA, SIERRA SISKIYOU, TEHAMA, TRINITY, TULARE and TUOLUMNE. However the study is relevant to a larger set of counties including all those counties in the Sierra Nevada as well as all agricultural counties in the Central Valley.	
c. Legislative Districts: (Assembly and Senate) Senate Districts: 1,4,12,14,16,17 Assembly Districts: 4,2,3,25,29,30,31,32,34	
6. Which SWRCB program is funding this grant? Please "X" box that applies.	
X Prop 13 <input type="checkbox"/> Prop 40 <input type="checkbox"/> Prop 50 <input type="checkbox"/> EPA 319(h) <input type="checkbox"/> Other	
Grant Contact: Refers to Grant Project Director.	
Name: Joan Clayburgh	Job Title: Executive Director
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Grant Time Frame: Refers to the implementation period of the grant.	

From: July 19, 2004

To: September 30, 2008

Project Partner Information: Name all agencies/groups involved with project. 1) California State University San Francisco; Carlos Davidson, researcher and 2) Simonich Environmental Chemistry Laboratory

Nutrient and Sediment Load Reduction Projection: (If applicable) N/A

Please provide an electronic copy to your Grant Manager and Program Analyst for the State Water Board web site posting. All fields must be completed. Incomplete forms will be returned.